THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

We claim:

1.   (Currently Amended) A platform system comprising:

a software services component comprising at least one functional software unit;

a hardware component comprising at least one hardware unit associated with the at least one functional software unit: and

a software interface component comprising at least one software interface and a mobile-terminal application software for testing the mobile terminal, the software interface component being adapted to provide access by [[a]] the mobile-terminal application software for testing the mobile terminal to the software services component and the hardware component during testing of a mobile terminal and during a lifecycle of the mobile terminal;

the software interface component being adapted to isolate the hardware component and software services component from user applications;

the mobile-terminal application software being adapted to detect failures in the hardware component; and

wherein a code space occupied by the mobile-terminal application software may be is overwritten by user applications after the testing of the mobile terminal has been completed.

2.   (Previously Presented) The platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.

3.   (Previously Presented) The platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

4.   (Previously Presented) The platform system of claim 1, wherein the software interface component comprises a middleware services layer.

5.   (Canceled)

6.   (Previously Presented) The platform system of claim 2. wherein the mobile-terminal application software comprises software for use during servicing of the mobile-terminal during the lifecycle of the mobile terminal.

7.   (Previously Presented) The platform system of claim 6, further comprising the mobile-terminal application software.

8.   (Previously Presented) The platform system of claim 1. further comprising the mobile-terminal application software, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

9.   (Previously Presented) The platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during production of the mobile terminal.

10.   (Previously Presented) The platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

11.   (Previously Presented) The platform system of claim 1, wherein the mobile terminal is for use in a wireless telecommunication system.

12.   (Currently Amended) A method of testing a mobile terminal the method comprising:

providing in the mobile terminal a software interface component having at least one software interface, the software interface component adapted to isolate software service components and hardware components of the mobile terminal from user application software:

interoperably connecting the mobile terminal to a test system:

providing, via the interface component, of access by a mobile-terminal-test application software to the software and hardware of the mobile terminal during testing of the mobile terminal:

controlling, by the test system, the mobile-terminal-test application software via an external interface during the testing of the mobile terminal:

<u>detecting, by the test system, failures in hardware of the mobile terminal;</u>

retaining the software interface component, the hardware, and the software on the mobile terminal; and

~~deleting~~ <u>overwriting</u> the mobile-terminal-test-application software from the mobile terminal <u>with a user application</u>.

13.   (Previously Presented) The method of claim 12, further comprising the step of using the mobile terminal in a wireless telecommunication system.

14.   (Canceled)

15.   (Currently Amended) The method of claim 12, further comprising the step of ~~deleting~~ <u>overwriting</u> the mobile-terminal-test-application software ~~from the mobile terminal~~ <u>with a user application</u> after it has been provided to a customer

16.   (Canceled)

17.   (Canceled)

18.   (Original) The method of claim 12. wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.

19.   (Original) The method of claim 12. wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.